

Date: Sun, 6 Mar 94 16:42:07 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #254
To: Info-Hams

Info-Hams Digest Sun, 6 Mar 94 Volume 94 : Issue 254

Today's Topics:

2m/70cm stub duck wanted
ANS-064 BULLETINS
Body Parts by J. Herman (2 msgs)
Dayton Hamfest Acomodations
INTERNET -- PACKET gateway!!!
Keyboards at testing
Medium range point-to-point digital links
RST reports
SB316 Semantics 6/7 The ACS.
This Week on Spectrum 03/12/94
Undeliverable Mail (2 msgs)
Wanted: ICOM IC-24AT Service manual!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 6 Mar 94 05:19:26 GMT
From: netcomsv!netcom.com!wy1z@decwrl.dec.com
Subject: 2m/70cm stub duck wanted
To: info-hams@ucsd.edu

I am looking for a stubby duck antenna for use with my Yeasu FT530.

I've only been able to find stubbies for 2m, 1.25m, or 70cm, but nothing
for two bands.

Can anyone help?

Thanks much in advance.

Scott

--

```
=====
| Scott Ehrlich      Amateur Radio: wy1z      AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu  BITnet: wy1z@NUHUB    AX.25: wy1z@wa1phy.ma.usa.na |
|-----|
|      Maintainer of the Boston Amateur Radio Club hamradio FTP area on      |
| the World - ftp.std.com  pub/hamradio      |
=====
```

Date: 6 Mar 94 20:22:35 GMT
From: news-mail-gateway@ucsd.edu
Subject: ANS-064 BULLETINS
To: info-hams@ucsd.edu

SB SAT @ AMSAT \$ANS-064.01
UOSAT-2 TURNS 10 YEARS OLD

HR AMSAT NEWS SERVICE BULLETIN 064.01 FROM AMSAT HQ
SILVER SPRING, MD MARCH 6, 1994
TO ALL RADIO AMATEURS BT
BID: \$ANS-064.01

UOSAT-2 (UO-11) Celebrates 10 Years Of On-Orbit Service

At 17:59 UTC on March 1st, 1984, the second satellite designed and built by the University of Surrey, UoSAT-2 (UO-11) was launched on a Delta rocket from the Western Test Range at Vandenberg Air Force Base, California.

Among its many experiments, UoSAT-2 carried the Digital Communications Experiment, which was one of the first (if not THE first!) non-military use of store-and-forward techniques with Low Earth Orbiting satellites. UoSAT-2 was an early test-bed for many of the technologies that have since been incorporated into a number of other packet radio satellites.

For all those who wonder how long these satellites last, it should be noted that UoSAT-2 is still operational, ten years after launch!

Happy Birthday UoSAT-2 !!!

[The AMSAT News Service (ANS) would like to thank Eric Rosenberg (WD3Q) for the information contained in this bulletin item. Eric can be contacted at his INTERNET address of ericr@vita.org]

/EX

SB SAT @ AMSAT \$ANS-064.02

SAMPLE RS-15 KEPS

HR AMSAT NEWS SERVICE BULLETIN 064.02 FROM AMSAT HQ

SILVER SPRING, MD MARCH 6, 1994

TO ALL RADIO AMATEURS BT

BID: \$ANS-064.02

KE3HP Presents A "Sample" Keplerian Element Set For RS-15

Based on information about RS-15's orbital parameters in last week's ANS bulletins, KE3HP has generated a set of predicted elements for this satellite. KE3HP assumed that the launch would be from Plesetsk at 12:00 UTC on 01-MAY-94. He generated these elements using OrbiTrack, an excellent MacIntosh shareware program by Bill Bard.

Satellite	RS-15 predicted
Catalog Number	99999
Epoch	94 121.57362967 05/01/94 13:46:02 UTC
Drag2	0.00000000 Rev/Day^2
Inclination	67.0000 Deg
RAAN	22.8163 Deg
Eccentricity	0.0001152
Argument of Perigee	360.0000 Deg
Mean Anomaly	0.0000 Deg
Mean Motion	10.73887722 Rev/Day
Epoch Revolution	0

Semimajor Axis	8678.14 km
Precession	1.3232 Deg West/Day
Period	134.09 Min
Apogee	2301.00 KM 1429.77 SM 1242.44 NM
Perigee	2299.00 KM 1428.53 SM 1241.36 NM

The only element strongly influenced by the launch date and time will be RAAN. The primary difference is that these predicted elements will show the satellite passing over your QTH at a different time than when the real bird will. If you take these elements and "plug" them into your satellite tracking programs, one of the fascinating features that you will discover about this orbit is that even on a low elevation pass (10 degs or less) RS-15 is visible for up to 20 minutes! This will make RS-15 an excellent satellite for Mode A operations. Please stay tuned to the AMSAT News

Service (ANS) bulletins for further information about the launch of RS-15.

[The AMSAT News Service (ANS) would like to thank KE3HP for the information contained in this bulletin item.]

/EX

SB SAT @ AMSAT \$ANS-064.03

A0-13 OPERATIONS NET SCHEDULES

HR AMSAT NEWS SERVICE BULLETIN 064.03 FROM AMSAT HQ

SILVER SPRING, MD MARCH 6, 1994

TO ALL RADIO AMATEURS BT

BID: \$ANS-064.03

Current AMSAT Operations Net Schedule For A0-13

AMSAT Operations Nets are planned for the following times. Mode-B Nets are conducted on A0-13 on a downlink frequency of 145.950 MHz. If, at the start of the OPS Net, the frequency of 145.950 MHz is being used for a QSO, OPS Net enthusiasts are asked to move to the alternate frequency of 145.955 MHz.

Date	UTC	Mode	Phs	NCS	Alt NCS
13-Mar-94	0130	B	075	VE2LVC	W90DI
19-Mar-94	1730	B	073	W5IU	WA5ZIB
26-Mar-94	2130	B	084	WA5ZIB	W5IU

Any stations with information on current events would be most welcome. Also, those interested in discussing technical issues or who have questions about any particular aspect of OSCAR statellite operations, are encouraged to join the OPS Nets. If neither of the Net Control Stations show up, any participant is invited to act as the NCS.

A0-13 ZRO Tests For March 1994

The following schedule of Mode "B" tests were chosen for convenient operating times and favorable squint angles. The tests can be heard on 145.840 MHz. Andy McAlister (WA5ZIB) will conduct all the tests. Mode "JL" tests will no longer occur due to the failure of A0-13's 70CM transmitter.

Day	Date (UTC)	Time	Areas covered
Saturday	Mar. 19, 1994	1930 UTC	NA, SA, Europe, Africa
Saturday	Mar. 26, 1994	2315 UTC	NA, SA

Note that the dates and days are shown in "UTC". Any changes will be

announced as soon as possible via the AMSAT HF and AO-13 Operations Nets.

All listener reports with date of test and numbers copied should be sent to Andy MacAllister (WA5ZIB), AMSAT V.P. User Operations, 14714 Knights Way Drive, Houston, TX 77083-5640. A report will be returned verifying the level of accurate reception. An S.A.S.E. is appreciated but not required.

/EX

SB SAT @ AMSAT \$ANS-064.04
WEEKLY OSCAR STATUS REPORTS

HR AMSAT NEWS SERVICE BULLETIN 064.04 FROM AMSAT HQ
SILVER SPRING, MD MARCH 6, 1994
TO ALL RADIO AMATEURS BT
BID: \$ANS-064.04

Weekly OSCAR Status Reports: 06-MAR-94

AO-13: Current Transponder Operating Schedule:

L QST *** AO-13 TRANSPONDER SCHEDULE *** 1994 Jan 31-Apr 04

Mode-B : MA 0 to MA 90 |

Mode-BS : MA 90 to MA 120 |

Mode-S : MA 120 to MA 145 |<- S transponder; B trsp. is OFF

Mode-S : MA 145 to MA 150 |<- S beacon only

Mode-BS : MA 150 to MA 180 | Blon/Blat 180/0

Mode-B : MA 180 to MA 256 |

Omnis : MA 230 to MA 30 | Move to attitude 240/0, Apr 04

[G3RUH/DB20S/VK5AGR]

FO-20: The following is the current schedule for transponder operations:

ANALOG MODE:

09-MAR-94 7:05 -TO- 16-MAR-94 7:30 UTC

23-MAR-94 7:52 -TO- 30-MAR-94 8:15 UTC

DIGITAL MODE: Unless otherwise noted above.

[Kazu Sakamoto (JJ1WTK) qga02014@niftyserve.or.jp]

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly OSCAR status reports. If you have a favorite OSCAR which you work on a regular basis and would like to contribute to this bulletin, please send your observations to WD0HHU at his CompuServe address of 70524,2272, on INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO area, WD0HHU @ W0LJF.#NECO.CO.USA.NOAM. Also, if you find that the current set of orbital elements are not generating the correct AOS/LOS times at your QTH, PLEASE INCLUDE THAT INFORMATION AS WELL. The information you provide will be of value to all OSCAR enthusiasts.

/EX

Date: 5 Mar 94 23:50:10 GMT
From: walter!att-out!pacbell.com!amdahl!netcomsv!netcomsv!skyld!
janguis@rutgers.rutgers.edu
Subject: Body Parts by J. Herman
To: info-hams@ucsd.edu

Funny, you've followed up on almost all of my postings now trying to point out some alledged "fascination" with body parts.

Not trying to avert some attention to your own fascination are you?

--

I've used various body parts in previous postings because of their relevance to the article. For example:

Sitting down wrong on one's scrotum. This can really mess up your outlook on life for the day if it is the first thing you do to yourself in the morning.

Real men pound brass. I won't vouch for the validity of this, but from some of the commentary on this news group, anyone that doesn't know (and use) Morse Code on the air is something less than human.

So far Jeff Herman has been the only one to (a) try and link them as a "fixation" and (b) get noticably upset about it. Such being the case, I believe my postings were a success.

I'll make you a deal Jeff, if you want to discuss technical topics in a rational manner, I'd be more than pleased to do so. However, if you insist on acting like a buffoon on the net, don't forget to wear you're blue plastic helmet. (Like the one Corky wears on the TV show "Life goes on".) You'll need it when you get slapped around.

Quote for the day: "Come, let us peel back the foreskin of ignorance and apply the wirebrush of enlightenment." Geoff Miller

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA | "You have a flair for adding
Internet: jangus@skyld.grendel.com | a fanciful dimension to any
US Mail: PO Box 4425 Carson, CA 90749 | story."
Phone: 1 (310) 324-6080 | Peking Noodle Co.

Date: 6 Mar 94 04:18:14 GMT
From: nprdc!ihnp4.ucsd.edu!library.ucla.edu!news.ucdavis.edu!chip.ucdavis.edu!
ez006683@network.ucsd.edu
Subject: Body Parts by J. Herman
To: info-hams@ucsd.edu

Jeffrey D. Angus (jangus@skyld.grendel.com) wrote:

: Quote for the day: "Come, let us peel back the foreskin of ignorance and
: apply the wirebrush of enlightenment." Geoff Miller
Ouch!! I'd rather be unenlightened.

cheers,
Dan 'better dumb than numb' Todd

--

* Daniel D. Todd Packet: KC6UUD@KE6LW.#nocal.ca.usa *
* Internet: ddtodd@ucdavis.edu *
* Snail Mail: 1750 Hanover #102 *
* Davis CA 95616 *

* All opinions expressed herein are completely fictitious any *
* resemblance to actual opinions of persons living or dead is *
* completely coincidental. *

Date: 6 Mar 94 21:11:58 GMT
From: news-mail-gateway@ucsd.edu
Subject: Dayton Hamfest Acomodations
To: info-hams@ucsd.edu

>Or if anyone has knowledge of any lesser-known hotels...
>Thanks much,
>Scott NF3I

if push comes to shove, i'd suggest Indianapolis for a "sure thing", try also
Richmond, Indiana (just across the boarder to the west)...and some other towns

along I-70/US-40 as well.

might even get a better deal flying into IND too.

bill wb9ivr

Date: Sun, 6 Mar 1994 20:16:08 GMT
From: envoy!equinox.unr.edu!dsring@uunet.uu.net
Subject: INTERNET -- PACKET gateway!!!
To: info-hams@ucsd.edu

Yvan Dupont (ydupont@Qc.Bell.CA) wrote:

: I'm new to PACKET and I would like to know if it's possible to exchange
: mail between INTERNET and PACKET. Is there a gateway doing that? What's
: the procedure?

: Please forgive me, if my question is stupid but I wanted to know!

: Thanks.

: Yvan Dupont, (VE2YDU)

: Bell SYGMA, Telecom Solutions
: 30 Renaud, Loretteville (Qc) CANADA G2A 2K7
: TEL: 418-843-7564 FAX: 418-842-9559
: Internet: ydupont@Qc.bell.CA HAM: VE2YDU

: -----
: Disclaimer: The opinions expressed here are mine and not my employer's.

--

Yvan,

I know that we have a gateway on our system. You might refer your
questions to healy@moriah.ee.unr.edu (Bill).

Later and Good Luck

Douglas S. Ring Amateur Radio Operator
University Of Nevada, Reno KB7QMD-Advanced Class
Electrical Engineering Major HZ1AB-Operating Member
dsring@equinox.unr.edu V.Chair-UNR Radio Club
dsring@moriah.ee.unr.edu

Telephone: (702) 626-5516
Fax: (702) 626-3840
Assalamu Aleikum
(May peace be upon you)

Date: 6 Mar 94 21:02:58 GMT
From: news-mail-gateway@ucsd.edu
Subject: Keyboards at testing
To: info-hams@ucsd.edu

>The entire morse test is multiple-guess! There is *no* relation
>to anything real in the morse test. No smoke, no fire, no screaming
>sailors, nothing.

Ok, so if he just guesses, the odds of coming up with the right answer on 7 of
10 is the odds of picking the right answer at random $(1/4)^7$ times $(1/4)^{**7}$.
or about 1 in 16384.

>Seriously, I was astounded at the low level of comprehension
>required in the 13-wpm test I took. I had slaved for a month to be
>sure I could tell "FT-100" from "FT-101" in the middle of a qso.
>Then I take the test and the questions are "Rig is: A: Yaesu B:
>Icom C: Kenwood D: Heathkit."

if you really copied the text, you breezed through it and were out of there.
the folks that didn't copy so well are spending minutes trying to decide if
they copied Kenwood or Collins or was that Heathkit or Hallicrafters?

>Of course you should be allowed to use your keyboard. Sheesh.
>-Steve N2WSA

and you certainly can. but best to contact the VE group in advance to let
them know you are coming. in our case here, the rooms we usually have to use
have desk chairs, not separate tables and chairs or other furniture that
keyboarding would be a comfort on.

73, bill wb9ivr

Date: 6 Mar 94 04:14:06 GMT
From: nprdc!ihnp4.ucsd.edu!library.ucla.edu!news.ucdavis.edu!chip.ucdavis.edu!

ez006683@network.ucsd.edu
Subject: Medium range point-to-point digital links
To: info-hams@ucsd.edu

William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM wrote:
: >It's hard to beat a stationwagon full of mag tapes for throughput. :-)
: >Gary

: i'll see your station wagon and raise you a van full of DATs or MDs...
I'll see your station wagon and van combined and lick ya' both with a
little minivan carrying 8mm tapes.

Dan 'wish I could afford an 8mm deck' Todd

--

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*-----*
* Daniel D. Todd      Packet: KC6UUD@KE6LW.#nocal.ca.usa      *
*                    Internet: ddtodd@ucdavis.edu             *
*                    Snail Mail: 1750 Hanover #102            *
*                    Davis CA 95616                          *
*-----*
* All opinions expressed herein are completely fictitious any *
* resemblance to actual opinions of persons living or dead is  *
* completely coincidental.                                     *
*-----*
```

Date: 6 Mar 1994 19:28:16 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!gerald@cc.utexas.edu!
astro.as.utexas.edu!oo7@network.ucsd.edu
Subject: RST reports
To: info-hams@ucsd.edu

tcj@netcom.com (Todd Jonz) says:

>>It seems to me that the five point rating scale used in a SINPO
>>report (signal, interference, noise, propagation, and overall
>>rating) would actually be more valuable on phone than an RS(T)
>>report, especially in these times of modern technology, when the "S"
>>rating is all too often the essentially meaningless reading from
>>the respondent's S-meter.

I can't see this catching on - giving 5 numbers for a signal report,
ack! And you mean people actually look at their S-meters to give
a signal report? Weird! I don't think I have once done this.

599 means "you're loud", "this is a contest", or "I need your QSL card",

579 means "you're pretty strong but I'm not giving you a routine 599",
and 559 means "you're weak". Anything else is just pretentious.

Derek "ur 599, pse call/name/qth agn?" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: 7 Mar 94 00:18:04 GMT
From: news-mail-gateway@ucsd.edu
Subject: SB316 Semantics 6/7 The ACS.
To: info-hams@ucsd.edu

Bid: \$RACESBUL.316

TO: ALL ES, CD, AND PUBLIC SAFETY DIRECTORS VIA AMATEUR RADIO
INFO: ALL RACES OPERATORS IN CALIFORNIA
INFO: ALL AMATEUR RADIO OPERATORS
FROM: CA STATE OFFICE OF EMERGENCY SERVICES
(W6SIG@WA6NWE.CA) Ph: 916-262-1600
2800 MEADOWVIEW RD., SACRAMENTO, CA 95832
LANDLINE BBS OPEN TO ALL 916-262-1657
RACESBUL.316 RELEASE DATE: March 7, 1994

Subject: MGT - Semantics, 6 of 7. The ACS.

AUXILIARY COMMUNICATIONS SERVICE: The name adopted by those jurisdictions who have chosen to use a wide spectrum of volunteer telecommunication experts and other workers in government service. This might include commercial radio technicians and engineers, the RACES, Civil Air Patrol communicators and other unpaid professionals. In some jurisdictions it includes public safety and government communications as well as liaison with any agency that has a bearing on emergency response.

An ACS has four elements in which interested volunteers serve according to their skills and interests: administrative, clerical, operations, and technical. In our State ACS we have radio operators, heavy equipment operators, tower climbers, computer disk message writers, messengers, photographers, pilots, electricians, generator mechanics, computer programmers, plan writers, instructors, EBS specialists and radio announcers, personnel records management, clerical help, managers, shift supervisors, installers as well as communications and electronics

technicians. Again, the RACES is but one part of the Auxiliary Communications Service. The ACS is a broad spectrum service to government supplementing all aspects of emergency response communications, not just operating radios in the field or at an EOC which has been considered by some to be the only role of the RACES.

(This is part of a series originally titled "From My Lookout" in seven parts, by Stanly E. Harter. It was renamed Semantics for these bulletins. Continued)

RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races and can be retrieved using FTP.

Date: 6 Mar 1994 02:18:47 -0500
From: library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!eff!news.kei.com!
yeshua.marcam.com!zip.eecs.umich.edu!panix!news.intercon.com!psinntp!psinntp!psinntp!pwcm.com!psinntp@ihnp4.ucsd.edu
Subject: This Week on Spectrum 03/12/94
To: info-hams@ucsd.edu

This week Spectrum takes to the road. We will be broadcasting live from the Winter Swl Fest in Kulpsville Pennsylvania. Everyone who is anyone in the communications hobbyist community will be on hand. If you can make it we would love to shake your hand. If you can't join in on the fun in person, you can listen to our live broadcast at the usual times and frequencies. See you at the Winter Swl Fest '94.

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Spectrum airs live Sunday at 0300 UTC (2200 EST Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
KHNC, 1360 AM, Denver, CO (Denver Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EST, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Monday at 0400 UTC (2300 EST Sunday),
on WWCR, 7435 KHz, Nashville, TN (World Wide)

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+1 800-787-SPECTRUM, +1 908-671-4209

Date: 6 Mar 94 06:35:01 GMT
From: news-mail-gateway@ucsd.edu
Subject: Undeliverable Mail
To: info-hams@ucsd.edu

The Microsoft Mail Form used contained fields that are unknown to
PostalUnion. This mail contains the content of the mail body ONLY.

Date: 6 Mar 94 07:36:14 GMT
From: news-mail-gateway@ucsd.edu
Subject: Undeliverable Mail
To: info-hams@ucsd.edu

The Microsoft Mail Form used contained fields that are unknown to
PostalUnion. This mail contains the content of the mail body ONLY.

Date: 5 Mar 94 23:23:33 GMT
From: nprdc!ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!pipex!
uknet!EU.net!news.eunet.fi!krk!krksun.krk.fi!lakki@network.ucsd.edu
Subject: Wanted: ICOM IC-24AT Service manual!
To: info-hams@ucsd.edu

Wanted!

The technical service manual for ICOM V/UHF HT radio IC-24AT.
If you borrow and let me zerox it, I will pay the posting fees!

/Erik

--

E R I K F I N S K A S OH2LAK

InterNet: Lakki@krk.fi
Lakki@muncca.fi
Amateur Packet: OH2LAK@OH2RBJ.FIN.EU

H A M R A D I O
T H E R E A L T H I N G

R A
RADIO AMATEUR
D HAM A
I T D
O E I
U O
R

Date: 6 Mar 94 04:08:23 GMT
From: nprdc!ihnp4.ucsd.edu!library.ucla.edu!news.ucdavis.edu!chip.ucdavis.edu!
ez006683@network.ucsd.edu
To: info-hams@ucsd.edu

References <gradyCLxxqM.IID@netcom.com>, <5220@eram.esi.com.au>,
<alh-050394143621@twilight1h160.its.utas.edu.au>
Subject : Re: personal communication Australia <-> USA

In article <gradyCLxxqM.IID@netcom.com>,
: grady@netcom.com (Grady Ward) writes:
:
: But PGP key exchange by radio is perfectly OK.
One of the most important uses of PGP (for me anyway) is to
authenticate a signature this should be legal since the intention is
clearly not to hide the meaning or content of a message. Might have to
send the public key with every message though.

cheers,
Dan

ps. I've cross posted to r.r.a.policy in case anyone there is interested
in adding their thoughts to this.

--

* Daniel D. Todd Packet: KC6UUD@KE6LW.#nocal.ca.usa *
* Internet: ddtodd@ucdavis.edu *
* Snail Mail: 1750 Hanover #102 *
* Davis CA 95616 *

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* resemblance to actual opinions of persons living or dead is *
* completely coincidental. *

End of Info-Hams Digest V94 #254

